Title (en)

CONDUCTIVE COMPOSITION, METHOD FOR PRODUCING CONDUCTIVE COMPOSITION, AND METHOD FOR PRODUCING CONDUCTOR

Title (de)

LEITFÄHIGE ZUSAMMENSETZUNG, VERFAHREN ZUR HERSTELLUNG EINER LEITFÄHIGEN ZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG EINES LEITERS

Title (fr)

COMPOSITION CONDUCTRICE AINSI QUE PROCÉDÉ DE FABRICATION DE CELLE-CI, ET PROCÉDÉ DE FABRICATION DE CONDUCTEUR

Publication

EP 3581622 A1 20191218 (EN)

Application

EP 18750780 A 20180207

Priority

- JP 2017022859 A 20170210
- JP 2017172284 A 20170907
- JP 2018004188 W 20180207

Abstract (en)

A conductive composition including a conductive polymer (A), a water-soluble polymer (B) other than the conductive polymer (A), and a solvent (C), wherein a peak area ratio is 0.44 or less, which is determined based on results of analysis performed using a high performance liquid chromatograph mass spectrometer with respect to a test solution obtained by extracting the water-soluble polymer (B) from the conductive composition with n-butanol, and calculated by formula (I):Arearatio=Y/X+Ywherein X is a total peak area of an extracted ion chromatogram prepared with respect to ions derived from compounds having a molecular weight (M) of 600 or more from a total ion current chromatogram, Y is a total peak area of an extracted ion chromatogram prepared with respect to ions derived from compounds having a molecular weight (M) of less than 600 from the total ion current chromatogram.

IPC 8 full level

C08L 101/12 (2006.01); **C08F 26/10** (2006.01); **C08G 73/02** (2006.01); **C08L 39/06** (2006.01); **C08L 79/00** (2006.01); **C09D 5/02** (2006.01); **C09D 5/24** (2006.01); **C09D 139/06** (2006.01); **C09D 201/02** (2006.01); **H01B 1/20** (2006.01); **H01B 13/00** (2006.01)

CPC (source: CN EP KR US)

C08F 26/10 (2013.01 - EP); **C08G 73/02** (2013.01 - EP); **C08G 73/0266** (2013.01 - KR); **C08L 39/06** (2013.01 - EP KR); **C08L 65/00** (2013.01 - CN EP); **C08L 79/00** (2013.01 - CN EP); **C08L 79/02** (2013.01 - KR); **C08L 101/12** (2013.01 - CN EP); **C09D 5/02** (2013.01 - EP); **C09D 5/24** (2013.01 - EP KR US); **C09D 7/20** (2018.01 - US); **C09D 139/06** (2013.01 - EP KR); **C09D 165/00** (2013.01 - CN US); **C09D 179/02** (2013.01 - KR US); **C09D 201/02** (2013.01 - EP); **C09D 201/06** (2013.01 - CN); **C09D 201/08** (2013.01 - CN); **G03F 7/093** (2013.01 - EP); **G03F 7/2059** (2013.01 - EP); **G03F 7/2065** (2013.01 - EP); **H01B 1/125** (2013.01 - EP); **H01B 1/127** (2013.01 - EP US); **H01B 1/128** (2013.01 - US); **H01B 1/20** (2013.01 - CN EP KR); **H01B 5/14** (2013.01 - CN KR); **H01B 13/00** (2013.01 - CN EP); C08G 2261/1424 (2013.01 - EP); C08G 2261/3223 (2013.01 - EP); H01L 21/0273 (2013.01 - US)

C-Set (source: CN EP)

CN

1. **C08L 65/00** + **C08L 39/06**
2. **C09D 165/00** + **C08L 39/06**

EP

1. **C08L 101/12** + **C08L 101/14**
2. **C09D 165/00** + **C08L 39/06**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3581622 A1 20191218; **EP 3581622 A4 20200311**; **EP 3581622 B1 20230726**; CN 110249006 A 20190917; CN 110249006 B 20220726; CN 115197583 A 20221018; CN 115197583 B 20240315; DE 202018006859 U1 20240122; JP 6806171 B2 20210106; JP WO2018147318 A1 20191107; KR 102211565 B1 20210203; KR 20190095436 A 20190814; TW 201840735 A 20181116; TW 202309202 A 20230301; TW I781982 B 20221101; US 2019359833 A1 20191128; US 2023107107 A1 20230406; WO 2018147318 A1 20180816

DOCDB simple family (application)

EP 18750780 A 20180207; CN 201880009541 A 20180207; CN 202210860467 A 20180207; DE 202018006859 U 20180207; JP 2018004188 W 20180207; JP 2018567460 A 20180207; KR 20197021222 A 20180207; TW 107104488 A 20180208; TW 111141451 A 20180208; US 201916535400 A 20190808; US 202218063771 A 20221209